

Appl. No. 09/610,256
Amdt. dated October 13, 2004
Reply to Office Action of July 14, 2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): An electrically controllable safety device for use by an occupant of a vehicle, the vehicle powered by a motor activatable by an electrical ignition system, the safety device comprising: a safety enhancer; and a controller; wherein the controller and the safety enhancer are electrically coupled to the ignition system, so that the controller ~~may~~will only activate the safety enhancer while the motor is on and, once activated, the safety enhancer ~~may~~will only be deactivated by turning the motor off.

Claim 2 (currently amended): A stimulator for use by a sleepy driver of a vehicle, the vehicle powered by a motor activatable by an electrical ignition system, the stimulator comprising: a signal generator capable of rousing the driver; and a controller to activate the signal generator; wherein the controller and the signal generator are electrically coupled to the ignition system, so that the controller ~~may~~will only activate the signal generator while the motor is on and, once activated, the signal generator ~~may~~will only be deactivated by turning the motor off.

Claim 3 (original): A stimulator according to claim 2, wherein the signal generator includes a buzzer.

Claim 4 (original): A stimulator according to claim 2, wherein the signal generator includes a warning lamp.

Claim 5 (original): A stimulator according to claim 3, wherein the signal generator includes a warning lamp.

Claim 6 (original): A stimulator according to claim 2, wherein the controller includes a momentary switch.

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Claim 7 (original): A stimulator according to claim 6, wherein the controller further includes a relay.

Claim 8 (original): A stimulator according to claim 7, wherein the controller further includes a diode.

Claim 9 (original): A stimulator according to claim 8, wherein the relay is a changeover relay.

Claim 10 (currently amended): A method of using an electrically controllable safety device in a vehicle, the vehicle powered by a motor activatable by an electrical ignition system, the method comprising: powering the motor with the ignition system, activating a controller to turn the device on ~~so~~ such that the ignition system keeps the device on; and switching off the ignition system to shut off the motor and the device.

Claim 11 (original): A method according to claim 10, wherein the device is a stimulator for use by a sleepy driver.